

3D Camera Market to Reach New Heights: Key Trends and Forecasts (2021-2030)

3D Camera Market is Expected to Reach \$142.03 Billion by 2030-Allied Market Research

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EINPresswire.com/ -- In 2020, the stereo vision segment dominated the global [3D camera market](#) in the technology segment, in terms of revenue. Furthermore, based on application, professional cameras led the global market in 2020, followed by smartphones. Based on type, the

target-free camera segment is anticipated to dominate the market during the forecast period. The surge in demand for 3D cameras is expected to boost the market growth rapidly in the upcoming years, owing to the rise in home automation and virtual reality (VR) applications. Allied Market Research, titled, "3D Camera Market by Technology, Type, and Application: Global

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Rising demand for 3D content in entertainment, advancements in scanning tech, and evolving user preferences drive market growth. Price constraints and lack of awareness challenge expansion efforts.”

Allied Market Research



Opportunity Analysis and Industry Forecast, 2021–2030".

The global 3D camera market size was valued at \$8.89 billion in 2020 and is projected to reach \$142.03 billion by 2030, growing at a CAGR of 31.9% from 2021 to 2030.

North America is expected to be the leading contributor to the global 3D camera market, followed by Asia-Pacific and Europe.

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3D camera refers to an integrated computing device or

product, which helps the person or the user wearing it to enhance day-to-day activities. The dawn of mobile wireless systems, and smart smartphones has sparked a new era for 3D cameras globally. Gadgets that were deemed to be just used in industrial, and commercial

applications are now finding their way into normal consumers' lives, enhancing their quality of life through various applications such as healthcare, sports and fitness, lifestyle, and others.

The prominent factors that drive the [3D camera market growth](#) include an increase in demand for 3D content from the entertainment industry, enhancement in 3D scanning technology, and rapid innovation and enhancement in emerging 3D technology. However, price-based constraints and lack of awareness are expected to hinder the growth of the 3D camera industry. Conversely, the rise in home automation and virtual reality applications is projected to offer remunerative 3D camera market opportunities in the coming years.

The 3D camera market analysis is segmented into technology, type, application, and region. The technology segment includes time-of-flight, stereo vision, and structured light. The type segment includes a target camera and a target-free camera. The application segment consists of professional cameras, smartphones, tablets, computers, and others. Region-wise, the 3D camera market is analyzed across North America (U.S., Canada, and Mexico), Europe (Germany, UK, France, Russia, and rest of Europe), Asia-Pacific (China, Japan, Australia, India, and the rest of Asia-Pacific), and LAMEA (Latin America, Middle East, and Africa).

The target free camera segment was the largest contributor of revenue in 2020 and is expected to grow at a CAGR of 13.2% from 2021 to 2030, owing to growing demand in applications such as smartphones, tablets, and computers. The camera manufacturers extensively use stereo vision technology owing to simplicity in implementation as compared to other technologies.

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The market share in Asia-Pacific is expected to grow at a faster rate as compared to other regions. Factors such as an increase in the adoption of 3D cameras in entertainment, gaming, electronic gadgets, and surveillance applications and technological developments in the region drive the adoption of 3D camera technology in Asia-Pacific.

The arrival of COVID-19 significantly affected the electronic and semiconductor sector. Businesses and manufacturing units across various countries were closed, owing to an increase in several COVID-19 cases, and were estimated to remain closed in 2021. Furthermore, partial or complete lockdown disrupted the global supply chain, posing challenges for manufacturers to reach customers. The overall production process is being adversely affected, but owing to a surge in demand from consumer sectors, the global [3D camera market trends](#) are expected to witness significant growth during the forecast period.

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- Based on type, the target-free camera is anticipated to dominate the global 3D camera market, in terms of revenue.

- The stereo vision technology segment dominated the global 3D camera market share in the year 2020.
- North America held the majority of market share in 2020 and Asia-Pacific is anticipated to exhibit the highest CAGR during the 3D camera market forecast period.

The key players profiled in the report include Sony Corp., Microsoft Corporation, Intel Corporation, Canon Inc., Panasonic Corp., Apple Inc., Google LLC, Amazon.com, Facebook Inc., and others. These key players have adopted various strategies such as product launch, collaboration & partnership, joint venture, and acquisition to expand their foothold in the 3D camera market.

For more information, please contact: <https://www.alliedmarketresearch.com/purchase-enquiry/851>

Source: Allied Market Research

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